

STATOTHR

Next 1 Page(s) In Document Exempt

STATOTHR

January 6, 1965

DIGITAL READOUT COUNTERS

STATOTHR

Shipments on the current contract are complete and items were shipped as follows:

- a) One 2-axis counter shipped Sept. 30, 1964
- b) One 2-axis counter shipped Oct. 30, 1964
- c) Spare circuit boards shipped October 30, 1964
- d) One 2-axis counter, shipped Nov. 30, 1964
- e) One 4-axis counter shipped Dec. 30, 1964
- f) Spare circuit boards for the 4-axis, shipped Dec. 30, 1964.

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[ ] received the counter from [ ] for retrofitting changes found necessary last October. The retrofit of the circuit board changes and the control panel changes will be completed next week and the counter is scheduled for shipment Friday, Jan. 15, 1965.

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The only retrofit outstanding now is to the counter in your shop for the [ ] machine. [ ] will accomplish the rework as soon as you can send the counter to him.

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[ ] submitted a quote on two counters which include the punch and coupler. The counters will provide a dual capability for either on-line computer operation or off-line IEM punch card production. One nice feature of the proposed dual capability is that if the synchronizer chassis of the counter should go out of order, the operator can switch over from on-line to punch card operation and continue his work.

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[ ] There have only been some minor procedural changes such as changing the fiscal year to coincide with the calendar year.

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**SECRET**

29 October 1964

**MEMORANDUM FOR:** Chief, Support Staff, HPTC**ATTENTION :** Chief, Logistics Branch**SUBJECT :** Shipment of [ ] and Modifications of  
Existing Equipment Manufactured by [ ]

1. It is requested that one each Control Panel [ ]  
[ ] and Synchronizer [ ] be shipped to:

2. This equipment is being returned to [ ] to be  
modified to the required standards. [ ] will modify the Synchronizer  
at no cost to the Government. The cost of modifying the Control  
Panel to incorporate solenoid hold switches will be [ ] per  
panel.

3. Thus far, a total of six systems have been purchased from  
[ ] incorporating the new solenoid hold switches. On evaluation  
of the first unit, it was determined that it would be necessary to  
use solenoid hold readout switches. This change is for the convenience  
of the Government as solenoid hold switches were not specified in  
any of the contracts.

4. It is requested that a requisition be written for modifying  
6 each Control Panels [ ] at [ ] each to [ ]  
[ ] as sole source vendor. Four of these panels

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25X1A  
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Subject: Shipment of [ ] and Modifications of Existing  
Equipment Manufactured by [ ]

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[ ] are being held at [ ] awaiting this action, the fifth is now at  
NPIC, to be returned to [ ] and the sixth will be returned to  
[ ] when the first modified panel is received at NPIC.

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5. [ ] discussed this action with the contracting officer  
at station 954 and agreement has been reached on handling the  
modification in the manner described above.

6. The modified control panels are consigned as follows:

3 - PAG  
2 - PID  
1 - TID

Accounts of these divisions should be charged with the cost of  
modification.



**Distribution:**

Orig. & 1 - Addressee  
1 - PAG  
1 - PID  
1 - TID

**SECRET**

October 23, 1964

DIGITAL READOUT COUNTERS

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The Digital Readout Counters convert measuring engine readouts to computer inputs. Three 2-axis counters, one 4-axis counter, and spare boards are presently on order from [ ]

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The first 2-axis system of this order was shipped September 30 and there were some problems with the computer interface.

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[ ] cleared up all the interface problems by trouble shooting in your shop on Tuesday, October 13. Some changes were required on one or two of the circuit boards which [ ] accomplished on the delivered unit on site. When he got back he also changed all the other units in process at the factory. The two 2-axis counters delivered on a previous contract will also need to be changed. [ ] will send back one and [ ] will send the other to [ ] for the change.

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In operating the counter with the new [ ] stereo ship comparator it was found that the "READOUT CHARACTERS" command switches on the control panel of the counter had to be held in by the operator until the transmission to the computer was complete. If the operator did not hold in the switch for the required two or three seconds, an error would occur. This can be rectified by using solenoid hold-down switches which will be released at the end of transmission. [ ] will change over all the control panels to the new switches.

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The first 2-axis system already delivered is to be sent back to [ ] for the switch change. The second 2-axis system will be completed next week and is scheduled for shipment Friday, October 30. It will include the circuit changes noted above and the solenoid hold-down switches.

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The third 2-axis system is ready to start check out and the 4-axis system is in final assembly. The spare circuit boards are complete and will be shipped next week. Circuit boards for all units are complete. Now that both the counter input interface and output interface have been tested and correct performance established [ ] can schedule firm delivery dates for the balance of the units. He is writing a contract letter requesting this delivery change.

Digital Readout Counters

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October 23, 1964

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[redacted] will require another 2-axis counter system to convert the [redacted] Comparator from a punch card to an on-line capability. [redacted] wants to retain the punch card capability, however, principally as a stand-by back up for the computer. [redacted] can provide this rather easily by adding a card-punch coupler to the present 2-axis counter design. The balance of the counter system will be the same as and interchangeable with the 2-axis counters presently on order and already delivered.

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The punch coupler will have a selector switch so that the operator can elect to transmit in real time to the computer or to operate the IBM card punch and typewriter. In order to define the punch coupler, [redacted] needs to know the punch card format being used. In order to design the punch coupler and insure compatibility, he needs the instruction manual for your IBM card punch.

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[redacted]

September 24, 1964

File

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DIGITAL READOUT COUNTERS

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On the contract for the three 2-axis counters, the first unit is complete and tested and ready for final tests by recording the output on magnetic tape.

The second unit is wired except for the control panel which is in process. Wiring on the third unit is just starting. All the circuit boards are complete including the spares and are being tested in the first unit. On the 4-axis unit, the engineering is complete but manufacturing has not started.

The cable length information has been received by [redacted] On the 2-axis units the cables are various lengths from 18 in. to 3 ft as required for stacking the counters. For the 4-axis unit the cables will be 15 ft long.

[redacted] had some interface difficulty when he hooked up the [redacted] reading head, the [redacted] counter delivered on the previous contract, and the dataphones for transmission to the computer. The original problem with the [redacted] count pulse characteristics has apparently been resolved.

[redacted] measured the pulse shape and sent a diagram to [redacted] Although it looks to me like a very poor pulse coming out of the [redacted] reading head, [redacted] says they will not have any trouble counting it.

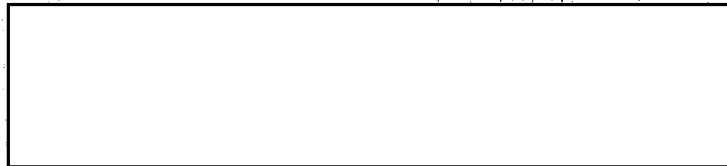
The problem presently is at the interface between the [redacted] counter and the [redacted] dataphone. [redacted] sent two dataphones to [redacted] has been testing the first 2-axis unit with them. [redacted] quickly found (as had [redacted] in his work) that it was necessary to jumper the remote control lead (RC pin 20) and the remote release lead (RR pin 19) in the counter connector to the dataphone cable. No other changes were needed and the remaining trouble appears to be in the interconnection between the transmitting dataphone and the receiving dataphone. When the chassis of the two dataphones were grounded together, the counter pulses out of the

Digital Readout Counters

September 24, 1964

receiving dataphone looked good on the scope. When the two dataphone chassis are not grounded together, a 60-cycle noise modulation appears on the transmission as observed by the scope. It is possible the noise modulation may be the result of the oscilloscope grounding and [ ] will check this out by making magnetic recordings. He was working on the magnetic recordings today, Thursday, and expects to have an answer tomorrow, Friday.

[ ] thought that [ ] might have to resort to magnetic recording to trouble shoot the installation at his shop.





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STATOTHR TO:

[REDACTED]

NPIC

[REDACTED]

MEMORANDUM FOR THE RECORD

STATOTHR

Contract Reference No

[REDACTED]

25X

Type of memorandum (check one):

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Telephone Conversation XXX (X/ [REDACTED] NPIC)

Conference

Contract Action Clarification

Other (describe)

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Narration: [REDACTED] NPIC, called to request that C.O. call [REDACTED] and get bid figure on replacing 5 reddout switches on each unit of item from [REDACTED] One (1) unit in DC will be sent [REDACTED] for change; one (1) unit now at [REDACTED] to be returned to [REDACTED] for change, then re-shipped to DC; three (3) units not yet delivered from [REDACTED] will be changed there. [REDACTED] asks [REDACTED] per control panel for 5 systems; or [REDACTED] for the work. [REDACTED] [REDACTED] with instructions to return the C.O. unit under [REDACTED] for replacement of switches.

Summary or Recommendation (if applicable):

Telecons made as requested. Paperwork will follow.

10/15/64  
Date

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[REDACTED]

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*Available*

Next 2 Page(s) In Document Exempt

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25X1A  
[REDACTED]  
**SECRET**

21 August 1964

MEMORANDUM FOR: Assistant for Administration

25X1A

ATTENTION :

25X1A

SUBJECT : Change of Delivery Point for Equipment being  
Manufactured by [REDACTED]  
under Contracts [REDACTED]

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Distribution:

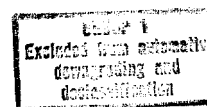
Orig. + 1 - Addressee

1 - Contract Folder

1 - Chrono File

NPIC/P&DS/DB [REDACTED] (21 August 1964)

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August 17, 1964

DIGITAL READOUT COUNTERS

④ file

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There is some confusion as to which Model Counter [ ] is to provide on the current order. There were two models made on the previous order. They were:

Previous Order for Two 2-axis Counters

1. One each [ ] Control Panel  
One each [ ] Synchronizer  
Two each [ ] Counter with input amplifier, with 5-volt lamp power output connector, and with a multipin output connector for [ ] amplifier power for the [ ] sensing head.
2. One each [ ] Control Panel  
One each [ ] Synchronizer  
Two each [ ] Counter with input amplifier for the [ ] sensing head and with no extra power output connectors.

The Present Contract for Three 2-axis Counters

One each [ ] Control Panel  
One each [ ] Synchronizer  
Two each [ ] Counter with input amplifier for the [ ] sensing head and with no extra power output connectors.

This is what is being built and this is what John requires, however, the contract calls for [ ] counters. A contract change is required and I understand John is preparing to issue a change.

The present contract for one 4-axis counter is denoted the [ ] with input amplifier, with 5-volt lamp power connector, and with a multipin connector for [ ] amplifier power for the [ ] head. The Model C is the same as the Model A but is configured differently due to the different physical arrangement. Also, the zero reset and preset reset pushbuttons have been deleted. The functions will be controlled remotely by customer equipment.

Digital Readout Counters

17 August 1964

I believe the above information correctly indicates what [ ] is building and what John wants delivered.

The situation was hopelessly confounded last week when [ ] erroneously told me the opposite. He had said on August 10 that the 2-axis was being built for the [ ] heads and the 4-axis was being built for the [ ] head. This information naturally confused John when I reported it in my last report.

As of this morning (Monday) [ ] had not received the two data phones or the data phone data sent by John last Friday. [ ] had, however, obtained the data from the [ ] local rep. [ ] cannot tell as yet what the interlock problem is. They may, however, find the answer when they get the data phones. They can undoubtedly find the problem when they operate the 2-axis system now being completed with a data phone. Sending the data phones to [ ] was a sound action in my opinion.

For the first 2-axis system, the counters were completed and are being checked out by [ ] The control panel is completely assembled and wired. The synchronizer wiring is nearly done and will be completed by tomorrow. Checkout of the chassis will continue through the week.

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3 August 1964

STATOTHR

In response to your request for clarification on the cable lengths required and input signals furnished for the equipment which you are now under contract to build for us, the following information is respectfully submitted:

1. For the two counter systems the following is required:

a. The input signal will be provided from the [redacted] Comparator. Attached is a specification sheet for the pulse shape as provided by [redacted]. A pulse shape sketch is not available to me at this time. However, it is identical to the pulse which [redacted] is providing to the other counters purchased directly from you.

b. The control panel to counter and synchronizer cable length is to be five feet.

c. The counter to synchronizer cable length may vary anywhere between two to five feet.

d. No input cables are required.

e. No accessory power is required.

2. For the four counter system the following is required:

a. The input signal will be provided by a [redacted] encoder through a [redacted] electronic module. This input is the same as the other two counter systems you recently shipped to [redacted] and additional information is available from [redacted] specifications.

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3 August 1964

b. The control panel to synchronizer cable length required is twenty feet.

c. The counter to synchronizer cable length required is twenty feet for two of the counters and fifteen feet for the remaining two counters.

d. No cables are required for the input preset, or reset functions.

If this information is not adequate please contact me as soon as possible.

Sincerely yours,

STATOTHR

[Redacted Signature]

JR:mb



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July 24, 1964

DIGITAL READOUT COUNTERS

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[ ] your maintenance man, was at [ ] on Friday, July 24, conferring with [ ] on the circuit diagrams of the counters.

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[ ] needs some clarification of technical points which he would like in writing. He doesn't trust his memory on verbal instructions. In fact, he and [ ] now remember the previous instructions differently, and there is some confusion.

He wants a sketch of the pulse shape they will receive from the sensing head, and he needs to know the length of the interconnecting cables. If he doesn't hear by August 1, which is Saturday, he will make the cables 10 ft long.

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[ ] wants confirmation that the counters will be used with the [ ] reading head. If different [ ] needs to know for each counter what signals or power that [ ] is required to feed to the sensor. There is a difference in this respect between the [ ] head and the [ ] head. It turns out the information is urgently needed and is now starting to affect delivery. [ ] says he cannot start fabrication of the input amplifier boards until he is advised which boards will be used for each counter.

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Delivery of the first 2-axis system has slipped a week since start of wiring has been delayed a week. [ ] does not expect delivery of the other systems to be affected. He expects check out of the first system to start the first week of August. It seems to me he is a bit optimistic to believe he can complete the second 2-axis system one week after delivery of the first 2-axis system. Delivery schedule is now:

Three 2-axis systems:	One on 8/22/64
	One on 8/30/64
	One on 9/15/64

Spares for previous two	
2-axis systems:	8/22/64
One 4-axis system:	10/ 1/64.

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July 10, 1964

DIGITAL READOUT COUNTER

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[ ] has received the contracts for the new counter systems and has started work. The schedule is as follows:

ITEM	RECEIVED CONTRACT	SCHEDULED COMPLETION
One 4-axis system	6/2/64	10/1/64
Three 2-axis systems	5/20/64	1 on 8/15/64 1 on 8/30/64 1 on 9/15/64
Spares for previous two 2-axis systems	6/10/64	8/15/64

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The three 2-axis systems will be identical to the previous 2-axis system for the [ ] reading head. On both the 2-axis systems already delivered, there has been some mismatch with respect to [ ] input impedance. [ ] has been requested to change their input amplifier board, which they did, and supplied new boards.

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On the new counters now in work [ ] would like to avoid any input impedance mismatch. [ ] has discussed this in detail with [ ] telephone and has received verbal direction from [ ], however, would like written clarification of the input impedance requirements. He needs this no later than 1 August 1964. The clarification [ ] wants is:

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1. Define the input pulse (which is the pulse that defines a count). This is the pulse from the sensor to the [ ] input amplifier.

- a. Min/max voltage level for a 0.

Digital Readout Counter

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- b. Min/max voltage level for a 1.  
c. Pulse fall time and pulse rise time.  
d. [ ] would prefer to have a pulse sketch which is unambiguous. Such as:

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2. Sensor source impedance.  
3. Is any accessory power to be provided to the sensor by [ ]  
4. Shall the count trigger on the negative going or positive going edge of the pulse?  
5. Interconnecting cable length required for each system. [ ] is holding off on the cables till the latter part of the manufacturing cycle, but he must start them by 1 August. If he doesn't hear by then, he plans to proceed on the basis of furnishing 10 ft long cables.

Testing of the first 2-axis system is scheduled for the period of August 3 to August 14. I believe it would be beneficial if [ ] could schedule a visit to [ ] during the week of 10-14 August, or immediately thereafter.

[ ] finally received cost information from his accounting department on the previous two 2-axis systems already delivered. Their cost, through G&A but not including fee, was [ ]. When compared to a contract sales price of [ ] it shows a sizable loss. When [ ] heard that [ ] lost money on the job, he requested [ ] advise him how much. [ ] has not yet made any formal overtures regarding the loss. In fact, they have not decided whether or not they should.

Digital Readout Counter

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At request of [ ] I advised [ ] that [ ] of maintenance was scheduling a visit to [ ] on July 24 to discuss counter electronics with [ ] [ ] said that would be O.K. but he did not know vacation schedule. If there is a conflict, [ ] advise us.

[ ] indicated he knew about the problem with the new input amplifier card he had sent to [ ] He said it could be easily corrected by adjusting the bias. He has instructed and authroized [ ] to correct the bias which should eliminate the trouble.

25X1A

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25X1A ☐ SECRET☒ CONFIDENTIAL☐ UNCLASSIFIEDApproved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3  
CONTRACT INSPECTION REPORT

TO:

ENGINEERING SECTION/CB/PD/OL

DATE

18 February 1965

INSPECTION REPORT NO. (If final, so state)

Final

ESTIMATED COMPLETION DATE

Complete

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

## Electronic Readout

THE CONTRACTOR IS ON SCHEDULE

☐ YES☒ NO

PER CENT OF WORK COMPLETED -

100 %

PER CENT OF FUNDS EXPENDED -

100 %

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

## INCENTIVES

IS THIS AN INCENTIVE CONTRACT  
IF YES, CHECK TYPE☐ YES☒ NO☐ COST☐ PERFORMANCE☐ DELIVERYNOTE:  
USE REVERSE SIDE FOR COMMENTS.  
FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.

## OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING3. ☒ ABOVE AVERAGE5. ☐ BELOW AVERAGE7. ☐ UNSATISFACTORY2. ☐ EXCELLENT4. ☐ AVERAGE6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

## RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED☐ WITHHOLD PAYMENT PENDING  
SATISFACTORY PERFORMANCE☐ TERMINATE☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES		<input checked="" type="checkbox"/>	MANUALS	<input checked="" type="checkbox"/>	
DRAWINGS AND SPECIFICATIONS	<input checked="" type="checkbox"/>		FINAL REPORT		<input checked="" type="checkbox"/>
PRODUCTION AND/OR OTHER END ITEMS	<input checked="" type="checkbox"/>		SPECIAL TOOLING		<input checked="" type="checkbox"/>
			OTHER GOVERNMENT PROPERTY		<input checked="" type="checkbox"/>

DATE OF LAST CONTACT WITH CONTRACTOR

10 February 1965

SIGNATURE OF INSPECTOR

DIVISION

P &amp; DS

INSPECTOR'S EXTENSION

SIGNATURE OF APPROVER



☐ SECRET

☒ CONFIDENTIAL

☐ UNCLASSIFIED

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3

NARRATIVE REPORT

☐ INTERIM

☒ FINAL

All equipment and services called for under this contract have been received and accepted. It is the opinion of the project technical monitor that the contractor has an excellent performance record thus far but is usually behind schedule in making delivery.

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☐ UNCLASSIFIED

☒ CONFIDENTIAL

☐ SECRET

SECRET  
(When Filled In)

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3

CONTRACT NO.

CIA-RDP78B04747A001200050001-3

TASK NO.

200050001-3

TO:

ENGINEERING SECTION/CB/PD/OL

DATE

1 December 1964

INSPECTION REPORT NO. (If final, so state)

5

ESTIMATED COMPLETION DATE

30 December 1964

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Chip Comparator Electronic Readout

THE CONTRACTOR IS ON SCHEDULE

☐ YES

☒ NO

PER CENT OF WORK COMPLETED

90%

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

#### OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☐ BELOW AVERAGE

7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☒ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

#### RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE

☐ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

17 November 1964

SIGNATURE OF INSPECTOR

DIVISION

P&DS

INSPECTOR'S EXTENSION

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ILLEGIB

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(When Filled In)

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3  
CONTRACT INSPECTION REPORT

CONTRACT NO. 04747A001200050001-3  
TASK NO.

TO:  
ENGINEERING SECTION/CB/PD/OL

DATE  
1 Nov 64  
INSPECTION REPORT NO. (If final, so state)  
4  
ESTIMATED COMPLETION DATE  
30 Oct 64

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Chip Comparator Electronic Readout

THE CONTRACTOR IS ON SCHEDULE  
☐ YES ☒ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED 75%

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO  
(If yes, indicate items, quantity, and cost on reverse side.)  
One unit has been received and accepted. The second unit is scheduled for shipment by the 6th of November.

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING 3. ☐ ABOVE AVERAGE 5. ☐ BELOW AVERAGE 7. ☐ UNSATISFACTORY  
2. ☐ EXCELLENT 4. ☒ AVERAGE 6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED ☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE

☐ TERMINATE ☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

13 Oct 64

SIGNATURE OF INSPECTOR

DIVISION

P&DS

INSPECTOR'S EXTENSION

SECRET

(When Filled In)

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3  
CONTRACT INSPECTION REPORT

CONTRACT NO.

TASK NO.

TO:

ENGINEERING SECTION/CB/PD/OL

DATE

1 Oct 64

INSPECTION REPORT NO. (If final, so state)

3

ESTIMATED COMPLETION DATE

30 Oct 64

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Chip Comparator Electronic Readout

THE CONTRACTOR IS ON SCHEDULE

☐ YES☒ NO

PER CENT OF WORK COMPLETED 65%

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

## OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING3. ☐ ABOVE AVERAGE5. ☐ BELOW AVERAGE, 7. ☐ UNSATISFACTORY2. ☐ EXCELLENT4. ☒ AVERAGE6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

## RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE☐ TERMINATE☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

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PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

27 Sept 64

SIGNATURE OF INSPECTOR

DIVISION

P&amp;DS

INSPECTOR'S EXTENSION

FORM 6-64 1897

USE PREVIOUS EDITION

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3

SECRET

(When Filled In)

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

(12-36)

STATOTHR

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Taken from trip report

17-25 Sept. 1964

STATOTHR  
STATOTHR

STATOTHR

On the morning of 21 Sept. [ ] and I made an inspection visit to

[ ] to review the progress on the counter outputs

for the Chip Comparators and Point Transfer Device. When we arrived they had the output synchronizer of the first unit this connects for wiring changes. They have done some minor redesign to improve the error and acknowledge circuits. In doing so they have eliminated two boards.

After taking [ ] on a brief plant tour they had the unit reassembled and I observed a partial checkout of the units. Hooking the two

Dataphones up to the unit we were able to observe the message on the remote Dataphones output. By disconnecting all the Dataphone ground connections we simulated a signal similar to that which I have observed here on the unit now on the third floor. When the grounds were reconnected the signal is considerably clearer. To complete the checkout they plan to check the message at the remote locator character by character. Shipment of this unit is scheduled for 2 October 1964.

STATOTHR

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SECRET  
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CONTRACT INSPECTION REPORT

CONTRACT NO. B04747A001200050001-3  
TASK NO.

TO:

ENGINEERING SECTION/CB/PD/OL

DATE

29 Aug 64

INSPECTION REPORT NO. (If final, so state)

2

ESTIMATED COMPLETION DATE

30 Oct 64

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Digital Readout Comparator

THE CONTRACTOR IS ON SCHEDULE

☐ YES

☒ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED 60%

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☒ YES ☐ NO (If yes, indicate items, quantity, and cost on reverse side.)

2 each model ☐ Dataphone at approximately ☐ each

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☐ BELOW AVERAGE 7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☒ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE

☐ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

27 Aug 64

SIGNATURE

DIVISION

P&DS

INSPECTOR'S EXTENSION

SECRET  
(When Filled In)

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3  
CONTRACT INSPECTION REPORT

TO:  
ENGINEERING SECTION/CB/PD/OL

DATE  
28 July 1964

INSPECTION REPORT NO. (If final, so state)

ESTIMATED COMPLETION DATE

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

Digital Readout Comparator

THE CONTRACTOR IS ON SCHEDULE

☒ YES

☐ NO

PER CENT OF WORK COMPLETED ~~unknown~~

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☐ BELOW AVERAGE 7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☒ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE

☐ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

SIGNATURE OF INSPECTOR

DIVISION

INSPECTOR'S EXTENSION

SIGNATURE

Approved For Release 2002/09/03 : CIA-RDP78B04747A001200050001-3